



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2661
#6
DL
04/24/03

Applicants: Pertti Olavi Alapuranen, Kevin P. Johnson, and Kevin L. Farley
Application No.: 09/847,860 Group Art Unit: 2661
Filed: May 2, 2001 Examiner: Not Yet Assigned
Confirmation No.: 9184
Title: FAST SWITCHING OF FORWARD LINK IN WIRELESS SYSTEM

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
on	4-16-03
Date	Signature
Nadine Z. Kush	
Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

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Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

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Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
 - ☒ Copies of the cited references are enclosed.
 - ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
 - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
 - ☐ The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
 - ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By _____

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Dated: 4/15/03

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
2479.2085-000APPLICATION NO.
09/847,860INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

April 14, 2003

(Use several sheets if necessary)

APPLICANT

Pertti Olavi Alapuranen *et al.*

FILING DATE

May 2, 2001

CONFIRMATION NO.

9184

GROUP

2661

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	AA	4,675,863	06/23/87	Paneth <i>et al.</i>
	AB	4,817,089	03/28/89	Paneth <i>et al.</i>
	AC	4,912,705	03/27/90	Paneth <i>et al.</i>
	AD	5,022,024	04/04/91	Paneth <i>et al.</i>
	AE	5,114,375	05/19/92	Wellhausen <i>et al.</i>
	AF	5,282,222	01/25/94	Fattouche <i>et al.</i>
	AG	5,325,419	06/28/94	Connolly <i>et al.</i>
	AH	5,412,429	05/02/95	Glover
	AI	5,414,728	05/09/95	Zehavi
	AJ	5,442,625	08/15/95	Gitlin <i>et al.</i>
	AK	5,463,629	10/13/95	Ko
	AA2	5,490,136	02/06/96	Sereno <i>et al.</i>
	AB2	5,585,850	12/17/96	Schwaller
	AC2	5,592,470	01/07/97	Rudrapatna <i>et al.</i>
	AD2	5,617,423	04/01/97	Li <i>et al.</i>
	AE2	5,619,492	04/08/97	Press <i>et al.</i>
	AF2	5,655,001	10/05/97	Cline <i>et al.</i>
	AG2	5,657,358	08/12/97	Paneth <i>et al.</i>
	AH2	5,687,194	11/11/97	Paneth <i>et al.</i>
	AI2	5,697,059	12/09/97	Carney
	AJ2	5,742,592	04/21/98	Scholefield <i>et al.</i>
	AK2	5,790,549	08/04/98	Dent
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APPLICANT

Pertti Olavi Alapuranen *et al.*FILING DATE
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9184GROUP
2661

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AL	0 526 106 A2	03-02-93	EPO				
	AM	0 682 423 A2	15-11-95	EPO				
	AN	0 720 309 A2	12-12-95	EPO				
	AO	WO 96/08934	21-03-96	PCT				
	AP	0 719 062 A2	26-06-96	EPO				
	AQ	WO 96/37081	21-11-96	PCT				
	AL2	WO 97/26726	24-07-97	PCT				
	AM2	WO 99/63682	09-12-99	PCT				
	AN2							
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May 2, 2001CONFIRMATION NO.
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR

Melanchuk, *et al.*, "CDPD and Emerging Digital Cellular Systems," *Digest of Papers of COMPCON*, Computer Society Conference 1996, Technologies for the Information Superhighway, Santa Clara, Ca., no. CONF. 41, pp. 2-8 (25 February 1996), XP000628458 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

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